

Mental Math Level 5

WorkSheet#12 | Multiplication: Front End Multiplication (Distributive Principle)

Multiply the following.

$$\begin{array}{r} 1) \quad 893 \\ \quad \quad 1 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2) \quad 247 \\ \quad \quad 1 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3) \quad 214 \\ \quad \quad 4 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4) \quad 934 \\ \quad \quad 2 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5) \quad 665 \\ \quad \quad 3 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6) \quad 465 \\ \quad \quad 7 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 7) \quad 894 \\ \quad \quad 8 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8) \quad 377 \\ \quad \quad 8 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9) \quad 293 \\ \quad \quad 4 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 10) \quad 332 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 11) \quad 845 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12) \quad 171 \\ \quad \quad 3 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 13) \quad 113 \\ \quad \quad 1 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 14) \quad 621 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 15) \quad 543 \\ \quad \quad 6 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 16) \quad 516 \\ \quad \quad 3 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 17) \quad 375 \\ \quad \quad 7 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 18) \quad 189 \\ \quad \quad 2 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 19) \quad 802 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 20) \quad 526 \\ \quad \quad 4 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 21) \quad 358 \\ \quad \quad 5 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 22) \quad 957 \\ \quad \quad 4 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 23) \quad 746 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 24) \quad 543 \\ \quad \quad 6 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 25) \quad 400 \\ \quad \quad 9 \\ \hline \hline \end{array}$$

Hint: Involves finding the product of the single-digit factor and the digit in the highest place value of the second factor, and adding to this product a second sub-product. Eg. $706 \times 2 = (700 \times 2) + (6 \times 2) = 1412$